

Table 7. Energy intensity by state (2005–2016)

thousand Btu per chained 2009 dollar of GDP

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change (2005–2016)	
													Percent	Absolute
Alabama	14.4	14.3	14.3	14.2	13.7	14.2	14.2	13.9	13.0	13.8	13.7	13.9	-3.7%	-0.5
Alaska	19.6	17.2	15.8	14.0	12.7	13.2	12.8	12.1	12.8	12.0	12.7	12.2	-37.5%	-7.3
Arizona	6.7	6.5	6.6	7.0	7.0	7.1	6.9	6.7	6.4	6.8	6.6	6.7	-0.4%	0.0
Arkansas	10.9	11.0	11.5	11.4	11.6	11.9	11.7	11.7	10.6	11.2	10.3	11.4	4.5%	0.5
California	3.8	3.8	3.7	3.6	3.6	3.6	3.5	3.3	3.0	3.3	3.1	3.1	-18.0%	-0.7
Colorado	5.8	5.8	5.9	5.8	5.7	5.8	5.6	5.4	4.9	5.4	5.0	5.2	-10.7%	-0.6
Connecticut	3.4	3.3	4.1	3.8	3.7	3.9	3.9	3.7	3.4	3.5	3.6	3.5	2.2%	0.1
Delaware	4.3	3.9	4.1	4.1	3.1	3.2	3.6	4.0	3.8	3.9	3.7	3.7	-12.2%	-0.5
District of Columbia	0.7	0.6	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	-21.6%	-0.1
Florida	5.3	5.2	5.1	5.2	5.3	5.5	5.4	5.2	5.0	5.2	5.1	5.1	-3.1%	-0.2
Georgia	7.1	6.9	6.9	6.7	6.8	7.2	6.6	6.1	5.7	6.0	5.9	6.0	-15.2%	-1.1
Hawaii	5.0	4.9	5.0	4.1	4.2	4.1	4.2	4.0	3.8	4.0	3.9	4.0	-20.7%	-1.0
Idaho	7.3	7.4	6.9	6.8	7.0	7.0	7.8	7.4	7.1	7.4	7.3	7.3	0.3%	0.0
Illinois	7.0	6.6	6.7	6.9	6.8	6.9	6.7	6.4	6.1	6.7	6.3	6.7	-3.9%	-0.3
Indiana	11.4	11.0	10.7	10.7	10.5	10.4	10.2	9.6	8.8	9.7	9.1	9.7	-14.6%	-1.7
Iowa	9.2	9.3	9.7	10.5	10.8	11.3	10.9	9.4	10.6	9.6	10.1	10.3	12.2%	1.1
Kansas	9.6	9.2	9.8	9.0	9.3	9.2	8.6	8.3	8.2	8.9	8.4	9.0	-5.8%	-0.6
Kentucky	12.5	12.3	12.4	12.2	12.0	12.0	11.7	10.9	9.9	10.8	10.4	10.9	-12.7%	-1.6
Louisiana	18.2	19.2	20.2	19.9	18.6	18.9	20.1	19.4	19.6	19.7	19.2	19.3	5.7%	1.0
Maine	9.8	9.1	9.2	9.2	8.7	8.7	8.8	8.3	7.8	8.8	8.3	8.5	-13.1%	-1.3
Maryland	4.6	4.2	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.4	3.3	3.4	-26.2%	-1.2
Massachusetts	3.6	3.3	3.3	3.3	3.1	3.1	3.0	2.7	2.6	2.8	2.7	2.7	-23.7%	-0.9
Michigan	7.4	6.9	7.2	7.4	7.4	7.2	7.1	6.7	6.5	7.0	6.8	7.0	-4.7%	-0.3
Minnesota	6.5	6.4	6.6	6.6	6.5	6.5	6.3	6.0	5.9	6.1	5.9	6.3	-3.5%	-0.2
Mississippi	12.4	12.5	12.6	11.4	11.6	12.5	12.1	12.1	12.9	11.8	13.1	12.3	-0.6%	-0.1
Missouri	8.0	7.9	7.9	7.6	7.5	7.5	7.6	7.2	6.6	7.3	6.9	7.3	-8.7%	-0.7
Montana	16.7	16.7	16.4	16.3	15.2	15.0	14.7	13.7	12.7	13.8	13.1	14.0	-16.6%	-2.8
Nebraska	8.9	8.8	9.2	9.4	9.4	10.0	9.6	9.2	8.7	9.5	9.2	9.5	6.4%	0.6
Nevada	5.6	4.9	4.9	5.1	5.5	5.3	4.9	5.1	5.3	5.4	5.2	5.3	-5.5%	-0.3
New Hampshire	7.2	6.5	6.7	6.7	6.3	6.4	6.0	5.6	5.5	6.0	5.8	6.0	-16.4%	-1.2
New Jersey	4.8	4.5	4.7	4.6	4.5	4.5	4.7	4.3	4.3	4.3	4.4	4.5	-5.3%	-0.3
New Mexico	10.3	10.4	10.4	9.8	9.8	9.3	9.7	9.5	8.7	9.5	8.8	8.9	-13.4%	-1.4
New York	3.6	3.3	3.4	3.4	3.1	3.0	3.0	2.8	2.8	2.9	2.9	3.0	-17.5%	-0.6
North Carolina	6.5	6.0	6.1	5.9	5.7	6.0	5.6	5.4	5.4	5.6	5.4	5.6	-14.6%	-1.0
North Dakota	26.1	24.2	23.7	24.2	22.7	22.6	21.0	20.6	16.5	16.4	16.1	16.1	-38.1%	-9.9
Ohio	7.5	7.4	7.5	7.6	7.2	7.3	6.8	6.4	5.9	6.6	6.1	6.6	-12.8%	-1.0
Oklahoma	12.1	11.8	11.8	11.8	11.5	11.6	11.1	10.6	10.1	10.2	9.5	9.8	-19.5%	-2.4

Table 7. Energy intensity by state (2005–2016) (cont.)

thousand Btu per chained 2009 dollar of GDP

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change (2005–2016)	
													Percent	Absolute
Oregon	6.4	6.3	6.0	5.9	5.4	5.5	5.6	8.3	5.2	5.7	5.2	5.7	-11.4%	-0.7
Pennsylvania	8.2	8.0	7.9	7.7	7.5	7.6	7.4	7.1	6.6	7.3	6.8	7.3	-11.6%	-1.0
Rhode Island	3.6	3.4	3.7	3.9	4.1	4.0	4.0	3.8	3.4	3.6	3.8	3.8	4.8%	0.2
South Carolina	11.4	11.0	10.8	10.6	10.9	11.1	10.6	10.1	9.5	10.0	9.7	9.9	-13.4%	-1.5
South Dakota	7.8	8.0	7.9	8.3	8.9	9.6	9.5	9.3	8.9	9.1	8.6	9.3	18.9%	1.5
Tennessee	8.5	8.2	8.3	7.9	7.4	7.7	7.4	6.8	6.6	6.9	6.5	6.9	-18.8%	-1.6
Texas	11.3	10.2	9.7	9.3	9.8	9.6	9.2	8.8	9.2	8.7	10.7	8.9	-21.2%	-2.4
Utah	8.6	8.2	8.0	8.1	7.7	7.6	7.5	7.2	6.3	7.5	6.7	7.1	-16.8%	-1.4
Vermont	6.7	7.2	6.7	6.7	7.5	6.9	6.7	7.6	5.5	8.0	6.0	8.0	20.0%	1.3
Virginia	5.5	5.2	5.3	5.0	4.7	4.7	4.4	4.4	4.7	4.7	4.6	4.7	-15.2%	-0.8
Washington	6.3	6.4	6.1	5.9	5.9	5.7	6.0	5.9	5.3	5.6	5.2	5.4	-13.4%	-0.8
West Virginia	22.0	21.7	22.0	20.9	17.3	18.6	17.9	17.3	18.0	17.8	17.5	18.7	-14.7%	-3.2
Wisconsin	7.1	6.7	6.8	6.9	6.6	6.7	6.5	6.2	6.0	6.6	6.3	6.5	-9.0%	-0.6
Wyoming	26.3	23.8	23.7	22.2	22.1	23.4	23.7	25.0	23.1	25.3	22.9	24.3	-7.6%	-2.0
Average all states	7.0	6.8	6.8	6.7	6.5	6.6	6.5	6.2	5.8	6.2	5.9	6.1	-12.7%	-0.9

Note: The District of Columbia is included in the data tables but not in the analysis because it is not a state.

Source: EIA, State Energy Data System, and EIA calculations made for this analysis